

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/597,675
Filing Date	June 18, 2007
First Named Inventor	Omer EINAV et al
Art Unit	3764
Examiner Name	Not Yet Assigned
Attorney Docket Number	34653

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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/M.B./	1	US-2002/0064438	30-May-2002	Osborne Jr.	
	2	US-2004/0172097	02-Sep-2004	Brodard et al.	
	3	US-2004/0180768	16-Sep-2004	Almada	
	4	US-2004/0245838	09-Dec-2004	Chiu	
	5	US-2005/0261114	24-Nov-2005	Heitzman et al.	
	6	US-2006/0229164	12-Oct-2006	Einav	
	7	US-2006/0277074	07-Dec-2006	Einav et al.	
	8	US-2006/0293617	28-Dec-2006	Einav et al.	
	9	US-3,919,691	11-Nov-1975	Noll	
	10	US-4,499,900	19-Feb-1985	Petrofsky et al.	
	11	US-4,582,049	14-Apr-1986	Ylvisaker	
	12	US-4,724,842	16-Feb-1988	Charters et al.	
	13	US-4,936,299	26-Jun-1990	Erlandson	
	14	US-5,070,873	10-Dec-1991	Graupe et al.	
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	19	US-5,269,318	14-Dec-1993	Nashner	
	20	US-5,312,439	17-May-1994	Loeb	
	21	US-5,324,316	28-Jun-1994	Schulman et al.	
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	26	US-5,466,213	14-Nov-1995	Hogan et al.	
	27	US-5,476,103	19-Dec-1995	Nahsner	
	28	US-5,476,428	19-Dec-1995	Potash et al.	

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	30	US-5,690,389	25-Nov-1977	Ekman et al.	
	31	US-5,836,304	17-Nov-1998	Kellinger et al.	
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	44	US-6,829,510	07-Dec-2004	Nathan et al.	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Documents Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
M.B./	45	JP 02-102652	16-Apr-1990	Yokogawa		
	46	EP 0304538	01-Mar-1989	Futakami		
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	48	JP 11-253504	21-Sep-1999	Aoki		
	49	JP 2002-127058	08-May-2002	Kawakami		
	50	JP 2003-164544	10-Jun-2003	Yoshihiro et al.		
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	52	PCT WO 02/13673	21-Feb-2002	Kotlik et al.		
	53	PCT WO 2004/050172	17-Jun-2004	Koeneman et al.		
	54	PCT WO 2005/074369	18-Aug-2005	Einav		
	55	PCT WO 2005/074370	28-Aug-2005	Einav		

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**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/M.B./	69	Backlife "The Backlife Idea", Product Information, < <a href="http://www.backlife.com">http://www.backlife.com</a> >, 27 P., 2003.	
	70	Bak "The Complex Motion of Standing Still. Hydraulics, Sensors, and Human Modeling Dsta-Unified by Proprietary Software", < <a href="http://www.designnews.com/article/CA73202">http://www.designnews.com/article/CA73202</a> >, 5 P., 2001.	
	71	Burgar et al. "Development of Robots for Rehabilitation Therapy: The Palo Alto VA/Stanford Experience", Journal of Rehabilitation Research and Development, 37(6): 663-673, 2000.	
	72	Cameron et al. "Micromodular Implants to Provide Electrical Stimulation of Paralyzed Muscles and Limbs", IEEE Transactions on Biomedical Engineering, 44(9): 781-790, 1997. Abstract.	
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	75	Micromedical "BalanceQuest: Computerized Dynamic Posturography", Micromedical Technologies, < <a href="http://www.micromedical.com">http://www.micromedical.com</a> >, 6 P., 2001.	
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	77	Peasgood et al. "EMG-Controlled Dosed Loop Electrical Stimulation Using A Digital Signal Processor", Electronics Letters, 36(22): 1832-1833, 2000. P.1832, l-h Col., Paragraph 1, Fig.1, P.1833, r-h Col., Paragraph 1.	
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	79	Viviani et al. "Trajectory Determines Movement Dynamics", The Journal of Neuroscience, 7: 431-437, 1982.	
	80	Viviani et al. "Minimum-Jerk, Two-Thirds Power Law, and Isochrony: Converging Approaches to Movement Planning", Journal of Experimental Psychology: Human Perception and Performance, 17: 32-53, 1995. Abstract.	
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